

Docket No.: GR 98 P 8182 D

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Reinhold Noe et al.
Div. of Applic. No. : 09/465,285, filed December 16, 1999
Div. filed : July 22, 2003
Title : Polarization Transformer for DC Drift-Free Polarization
Transformation or Polarization Mode Dispersion Compensation
Examiner : Fayez G Assaf Group Art Unit: 2872

INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner for Patents,
Alexandria, VA 22313-1450

S i r :

In accordance with 37 C.F.R. 1.98, the following patents and/or publications are cited
herewith:

United States Patent No. 5,739,943 (Ohshima et al.), dated April 14, 1998;

United States Patent No. 5,757,984 (Hatori), dated May 26, 1998;

German Published, Non-Prosecuted Patent Application DE 198 30 990 A1 (Noe), dated
January 20, 2000, polarization transformer;

Japanese Patent Application JP 6-308438 (Takemi), dated November 11, 1994, and abstract;

Fred Heismann et al.: "Integrated-Optical Single-Sideband Modulator and Phase Shifter",
IEEE Journal of Quantum Electronics, Vol. QE-18, No. 4, April 1982, pp. 767-771;

R.C. Alferness et al.: "Low Loss, Wavelength Tunable, Waveguide Electro-Optic Polarization Controller for $\lambda = 1.32 \mu\text{m}$ ", Appl. Phys. Lett. Vol. 47, No. 11, December 1, 1985, pp. 1137-39;

Fred Heismann: "Integrated-Optic Polarization Transformer for Reset-Free Endless Polarization Control", IEEE Journal of Quantum Electronics, Vol. 25, No. 8, August 1989, pp. 1898-1906;

H. Herrmann et al.: "Integrated Optical, Acoustically Tunable Wavelength Filters and Switches and their Network Applications", ECIO'93, University Paderborn, Germany;

R. Noe et al.: "Fiber-Based Distributed PMD Compensation at 20 GB/S", ECOC'98, September 20-24, 1998, Madrid, Spain;

F. Heismann et al.: "Electro-Optically Tunable, Narrowband Ti:LiNbO₃ Wavelength Filter", Electronics Letters, May 7, 1987, Vol. 23, No. 11, pp. 572-74;

International Search Report dated May 18, 2000.

The above-mentioned references were cited in an *Information Disclosure Statement* filed December 26, 2000, in parent application No. 09/465,285.

Respectfully submitted,

For Applicants

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FORM PTO-1449 (SUBSTITUTE) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))				Attorney Docket No.: Divisional of Applic. No. GR 98 P 8182 D 09/465,285 Applicant Reinhold Noe et al. Filing Date of Divisional Group Art Unit July 22, 2003 2872			
EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
	A	5,739,943	04/98	Ohshima et al.			
	B	5,757,984	05/98	Hatori			
	C						
	D						
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FOREIGN PATENT DOCUMENT							
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES NO
	J	198 30 990 A1	01/00	Germany			
	K	6-308438	11/94	Japan			
	L						
	M						
	N						
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
		Fred Heismann et al.: "Integrated-Optical Single-Sideband Modulator and Phase Shifter", IEEE Journal of Quantum Electronics, Vol. QE-18, No. 4, April 1982, pp. 767-71.					
		R.C. Alferness et al.: "Low Loss, Wavelength Tunable, Waveguide Electro-Optic Polarization Controller for $\lambda = 1.32 \mu\text{m}$ ", Appl. Phys. Lett., Vol. 47, No. 11, December 1, 1985, pp. 1137-39.					
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